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This section provides compatibility information between Cisco Unified MeetingPlace Release 7.1 and various video terminals when using Cisco Unified Communications Manager Release 6.1(2) or higher.

All testing for Release 7.1 was performed with Cisco Unified MeetingPlace connected to Cisco Unified Communications Manager Release 8.5.1.10000-23 via SIP trunk. For H.323 testing, the terminal was registered to a H.323 Gatekeeper, which was connected to Cisco Unified Communications Manager through an H.225 trunk. For SIP and SCCP, the terminal was registered directly to Cisco Unified Communications Manager.

Notes:

- Cisco Unified Communications Manager Release 6.1(2) or higher is required for all video installations except where only Cisco Unified Video Advantage is used, in which case Cisco Unified Communications Manager Release 6.0(3) is adequate.
- Endpoints with the following test results are likely to drop calls when transferring to a breakout session, initiating a #31 dial-out call, or exiting the meeting with #9:
 - ◆ Dial in-fail
 - ◆ Dial out-fail
 - ◆ Direct to meeting-OK or "-"

These video endpoints typically do not correctly support the required media transfer mechanism.

- Transferring a Cisco Unified MeetingPlace call from a Cisco-brand phone to a third-party SIP video terminal is likely to result in an audio-only connection. This is due to differences in the way Cisco and third-party terminals negotiate transport of telephony events. The differences cause Cisco Unified Communications Manager to insert a media termination point (MTP) in the call. Unless a hardware MTP resource is available, this insertion will block the video stream.
- ISDN Video (H.320) Gateways and ISDN Video terminals are not supported.

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Video Endpoint Compatibility Test Results for Release 7.1

The following table lists compatibility test results for video endpoints that were tested against Cisco Unified MeetingPlace Release 7.1.

Manufacturer/Brand	Model/Series	Protocol	Dial In	Dial Out	Direct to Meeting	4CIF	Version Tested	Notes
Cisco	Cisco Unified IP Phone 99xx	SIP	OK	OK	OK	N	sip9951.9-1-1	-
Cisco	Cisco Unified Personal Communicator	SIP	OK	OK	OK	N	7.1(1.13949)	-
Cisco	Cisco Unified Video Advantage	SCCP	OK	OK	OK	N	-	-
Cisco	Cisco Unified IP Phone 7985	SCCP	OK	OK	OK	N	cmterm_7985	-
Cisco	Cisco UC Integration for Microsoft Office Communicator	SIP	OK	OK	OK	N	CSF 8.5(1)-4.0.8	-
Tandberg	MXP Series except 150 MXP	H.323	OK	Fail (audio only)	OK	Y	F8.2 PAL	Tested 1700
Tandberg	MXP Series except 150 MXP	SIP	OK	OK	OK	Y	F8.2 PAL	Tested 1700
Tandberg	E20	SIP	OK	OK	OK	Y	TE4.0.0RC1	-
Polycom	VSX Series	H.323	OK	OK	OK	Y	9.0.6.1	Tested 3000A
Polycom	VSX Series	SIP	Fail	Fail	Fail	-	9.0.6.1	Tested 3000A
Lifesize	Passport	SIP	OK	OK	OK	Y	LS_PP1_4.7.0(19)	-
Lifesize	Passport	H.323	OK	Fail (audio only)	OK	Y	LS_PP1_4.7.0(19)	-

Related Topics

- For information about Cisco Unified Video Advantage, see http://www.cisco.com/en/US/products/sw/voicesw/ps5662/tsd_products_support_series_home.html
- For information about Cisco Unified Personal Communicator, see http://www.cisco.com/en/US/products/ps6844/tsd_products_support_series_home.html

Video Endpoint Compatibility Test Results for Release 7.0

The following table displays results for video endpoints that were tested against Release 7.0.2 (MR1) and 7.0.3 (MR2). Test results also apply to Release 7.1.

All testing for Release 7.0 was performed with Cisco Unified MeetingPlace connected to Cisco Unified Communications Manager Release 6.1 or Release 7.0 via SIP trunk. For H.323 testing, the terminal was registered to a H.323 Gatekeeper, which was connected to Cisco Unified Communications Manager through an H.323 trunk. For SIP and SCCP, the terminal was registered directly to Cisco Unified Communications Manager.

Manufacturer/Brand	Model/Series	Protocol	Dial In	Dial Out	Direct to Meeting	4CIF	Version Tested	Notes
Cisco	Cisco Unified IP Phone 99xx	SIP	OK	OK	OK	-	sip9971.9-0-1MNT3-2	-
Cisco	Cisco Unified Personal Communicator	SIP	OK	OK	OK	N	-	-
Cisco	Cisco Unified Video Advantage	SCCP	OK	OK	OK	N	-	-
Cisco	Cisco Unified IP Phone 7985	SCCP	OK	OK	OK	Y	-	-
Cisco	Telepresence	SIP	No video	No video	No video	-	-	-
Tandberg	MXP Series except 150 MXP	H.323	OK	No video	OK	Y	F7	Tested 1500, 6000, 95, 3000, 1700, 990.
Tandberg	MXP Series except 150 MXP	SIP	OK	OK	OK	Y	F7	-
Tandberg	150 MXP	H.323	-	-	-	-	L4.2	-
Tandberg	150 MXP	SIP	Fail	OK	OK	-	L4.2	Unable to recognize DTMF tones.
Tandberg	1000	H.323	OK	No video	OK	-	B 7.4, E 5.3, F7.2	H.263 only.
Tandberg	6000	H.323	OK	No video	OK	Y	E5.2, B10.3	H.263 only for TBG6000B.
Polycom	VSX Series	H.323	OK	OK	OK	Y	8.5.3, 8.7.1	Tested 3000A, 5000, 7000 NTSC,

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									8000.
Polycom	VSX Series	SIP	One-way video	One-way video	-	Y	8.5.3, 8.7.1	-	
Polycom	Via Video (PVX)	H.323	OK	OK	OK	-	8.0.2	-	Large delay sending video by PVX.
Polycom	Via Video (PVX)	SIP	OK	OK	OK	-	8.0.2	-	
Polycom	VS 512	H.323	Fail	Fail	-	-	7.5.4	-	
Polycom	FX	H.323	Fail	Fail	-	-	6.0.5	-	
Polycom	HDX 9002	H.323	OK	OK	OK	Y	2.0.3	-	
Polycom	HDX 9002	SIP	OK	OK	OK	Y	2.0.3	-	Prompts are clipped.
Aethra	AVC 8400	H.323	OK	OK	OK	Y	6.0.30	-	Should be forced to prefer H263x4CIF in a 4CIF mode. Otherwise, i opens CIF.
Aethra	THESEUS	SIP	No video	Fail	-	-	V6.0.49	-	
Aethra	Vega X5	H.323	OK	OK	OK	Y	10.2.24	-	Should be forced to prefer H263x4CIF in a 4CIF mode. Otherwise, i opens CIF.
Aethra	Vega X5	SIP	No video	Fail	-	-	-	-	
Aethra	Vega X7	H.323	OK	OK	OK	Y	V12	-	Should be forced to prefer H263x4CIF in a 4CIF mode. Otherwise, i opens CIF.
Aethra	Vega X7	SIP	OK	Fail	-	-	-	-	
Aethra	Vega X3	H.323	OK	OK	OK	Y	V10.7.11	-	Should be forced to prefer H263x4CIF in a 4CIF mode. Otherwise, i

									opens CIF.
Aethra	Vega X3	SIP	No video	Fail	-	-	-	-	
Sony	PCS-1	H.323	OK	One-way video	-	-	3.31	-	
Sony	PCS-1	SIP	One-way video	One-way video	-	-	-	-	
Sony	PCS G-50	H.323	OK	One-way video	-	-	2.41	-	
Sony	PCS TL-50	H.323	OK	One-way video	-	-	2.31	-	
Sony	TL-30	H.323	OK	One-way video	-	-	1.24	-	
Sony	XG80	H.323	Fail	Fail	-	-	2	-	No DTMF recognition.
Sony	XG80	SIP	OK	One-way video	-	-	-	-	
Sony	G-70	H.323	OK	One-way video	-	Y	2.41	-	
France Telecom	eConf	H.323	OK	OK	OK	-	5.0.34	-	
France Telecom	eConf	SIP	One-way video & audio	One-way video & audio	-	-	-	-	<u>RFC 2833</u> should be used for DTMF.
Counterpath	eyeBeam	SIP	OK	OK	OK	-	1.5	-	
LifeSize	Room	H.323	Fail	Fail	-	-	3.5.3(11)	-	
Lifesize	Room	SIP	Fail	No video	-	Y	-	-	No DTMF recognition.

Terminology Used in Video Endpoint Compatibility Test Results

The following table describes the terminology used in Table: Video Endpoints Compatible with Cisco Unified MeetingPlace Release 7.1.

Terminology	Description
Test	
Dial In	Tested dialing in to Cisco Unified MeetingPlace.
Dial Out	Tested dialing out from Cisco Unified MeetingPlace by using a web browser command or by using the TUI command #31.
Direct to Meeting	Tested dialing out from Cisco Unified MeetingPlace using the scheduled "direct to meeting" mode. The process was to configure a video terminal profile for outdial to terminal, tell the video terminal to skip the meeting entry prompts on outdial, and then invite the terminal to the meeting.

4CIF	Tested whether the terminal worked when tested with 4CIF using H.263.
Result	
OK	The terminal was able to enter a meeting using video.
Fail	The terminal was not able to enter a meeting. The failure may have been at initial connection or at meeting entry.
"-"	The terminal was not tested in this mode.

Video Format Support

Table: Supported Video Formats lists the supported video formats for various combinations of the global video mode and the codec used by the video terminal.

Notes:

- If Cisco Unified Communications Manager causes the connection rate to be lower than the maximum for your global video mode setting (384 kbps for standard rate, 2 Mbps for high rate), then the resolution or frames per second sent by Cisco Unified MeetingPlace may be reduced.
- H.263 and H.261 are offered only by defining a video terminal profile. Otherwise, only H.264 will be offered.

Table: Supported Video Formats

Global Video Mode	Codec	Video Format	Frames per Second
High rate (2 Mbps maximum)	H.264	CIF, QCIF	30
	H.263	4CIF	15
	H.263	CIF, QCIF	30
	H.261	CIF, QCIF	30
Standard rate (384 kbps maximum)	H.264	CIF	15
	H.264	QCIF	30
	H.263	CIF, QCIF	30